

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 04229				SHEET 1 OF 1	
	DWG NO. 647.1600	REV: A	PREPARED BY J. SOTO	DATE: 11/11/2013	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.	
	DWG TITLE: WIPER DEFLECTOR ASSY					
	APPROVED BY:	ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF. NEXT ORDER	
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE	REASON: REVISED F/N 8					ECR: 13-032









8	R	601.2207	8		NUTPLATE RIVET	CCR265SS3-3	
F/N	TC	PART NUMBER	.1602	.1601	DESCRIPTION	MATERIAL	SPECIFICATION
			QTY				

DOCUMENTS EFFECTED:	<input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUCTIONS <input type="checkbox"/> ICA <input type="checkbox"/> FMS <input checked="" type="checkbox"/> BOM	CHANGE CATEGORY	DER REVIEW REQUIRED
		<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

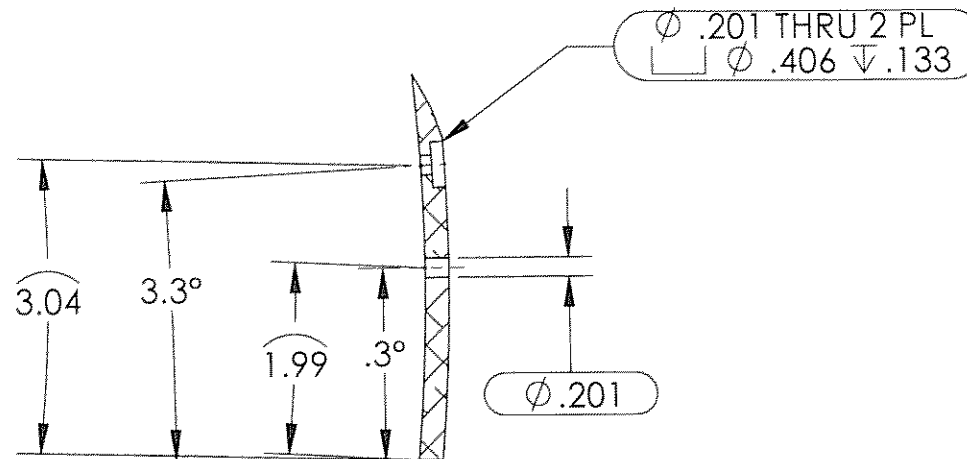
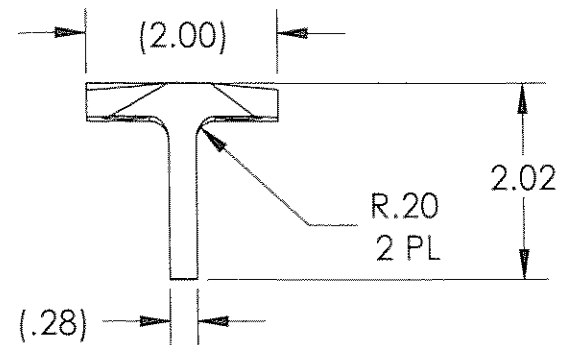
1. MATERIAL: ALUMINUM 7075-T651 AMS-QQ-A-250/12
2. MATERIAL: ALUMINUM 2024-T3 PER AMS-QQ-A-250/4
3. FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III,
CLASS 2, COLOR BLACK;
CARDINAL 4860-50 PRETREATMENT PRIMER
PRIME IAW MIL-P-23377J TYPE I CLASS N
4. DEBURR AND BREAK ALL SHARP EDGES
5. IDENTIFY IAW MPP-120

UNINCORPORATED ECN(S)

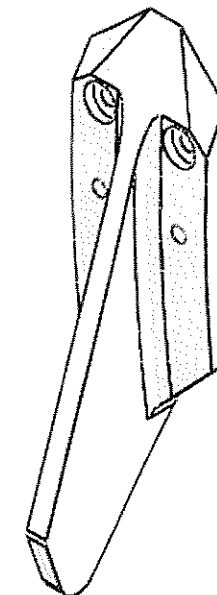
04229

	3	9	601.2989	SCREW	MS27039-0B12	
	8	8	601.2980	NUTPLATE RIVET	CCR264SS-3-04	
	4	7	601.1900	NUTPLATE	MS21059-3	
	3	6	601.2973	LOCKNUT	MS21042-08	
	6	5	601.2764	WASHER	NAS1149FN832P	
1		4	647.1613	DOUBLER		
	2	3	647.1612	SPICE PLATE		
	1	2	647.1611	WIPER DEFLECTOR, AFT		
		1	647.1610	WIPER DEFLECTOR, FWD		
X			647.1602	DOUBLER ASSY		
	X		647.1601	WIPER DEFLECTOR ASSY, AFT		
.1602	.1601	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
QTY			PARTS LIST			
NEXT ASSY (S)			ORIGINAL DATE IMO-DA-YR 06-10-09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300 WIPER DEFLECTOR ASSY	
647.1300			DRAWN BY J. GARDINER			
			CHECKER P. BRAVO			
			DRAWING APPROVAL			
			P. BRAVO			
			06-10-09			
			CONTRACT NO.			
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B CAGE CODE DWG. NO. 647.1600 REV. A	
			SCALE NONE		SHEET 1 OF 6	

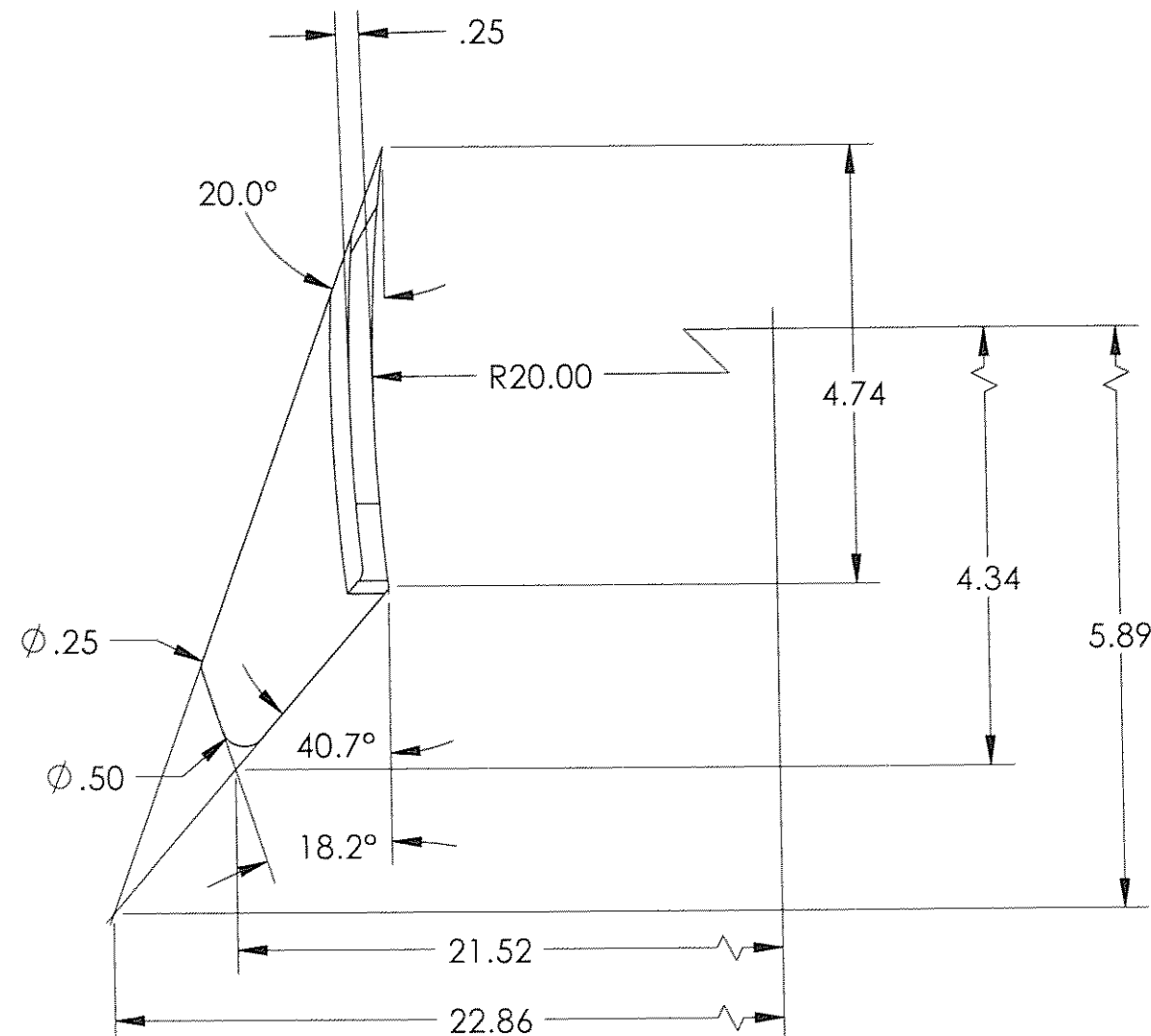
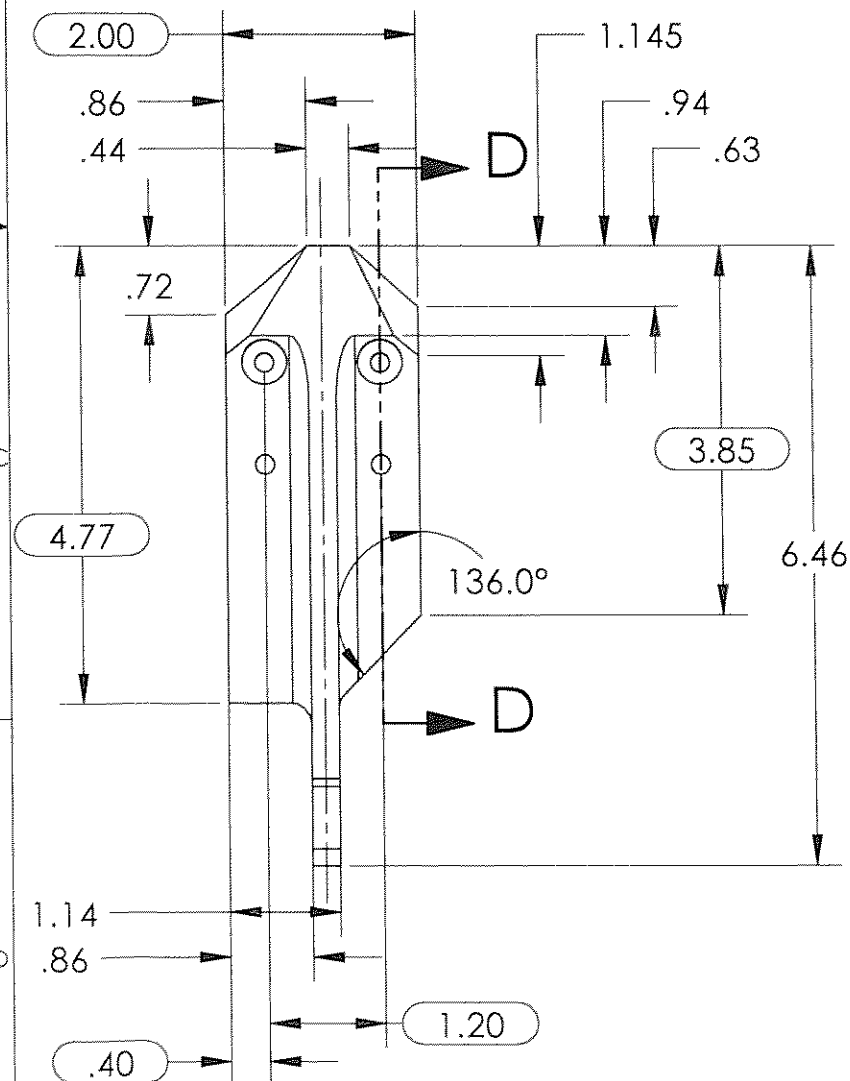
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SECTION D-D

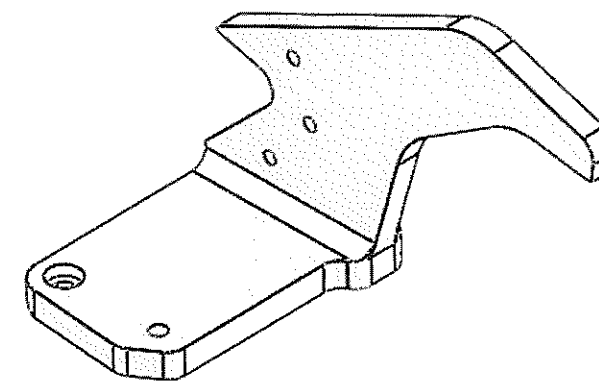
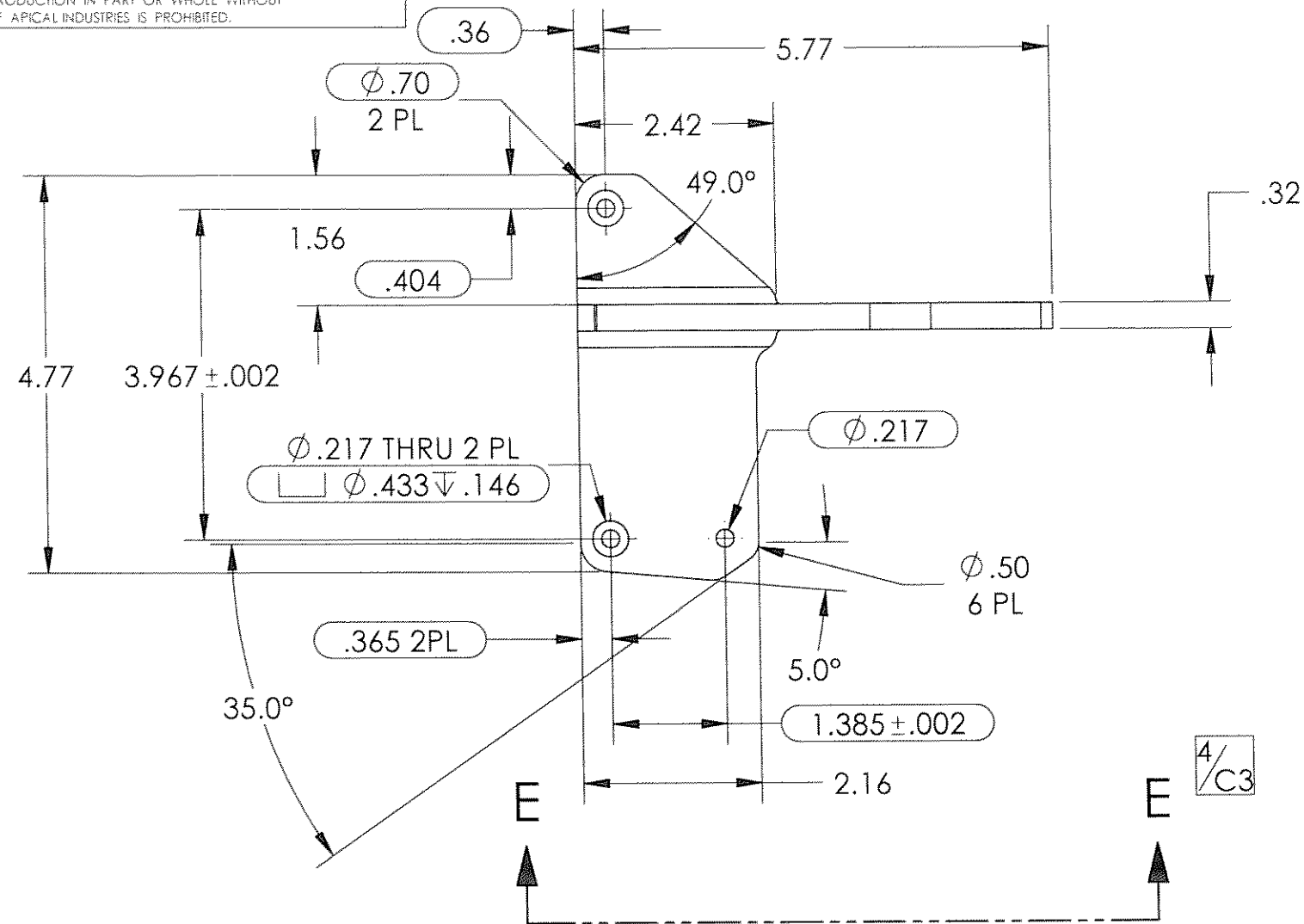


647.1610

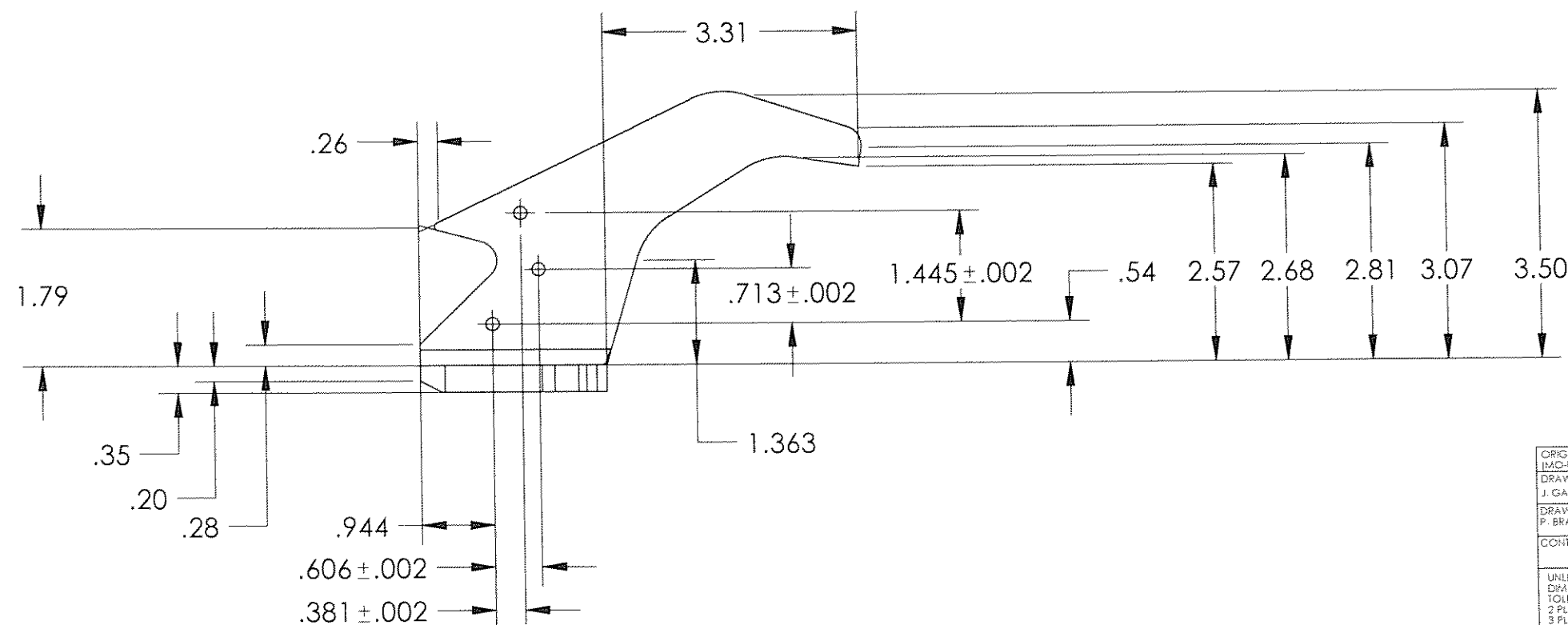


ORIGINAL DATE (MO-DA-YR) 06-10-09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY J. GARDINER	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO		WIPER DEFLECTOR ASSY	
CONTRACT No.		SIZE B	REV. A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± .5°		CAGE CODE 07M26	DWG. NO. 647.1600
		SCALE: NONE	SHEET 2 OF 6

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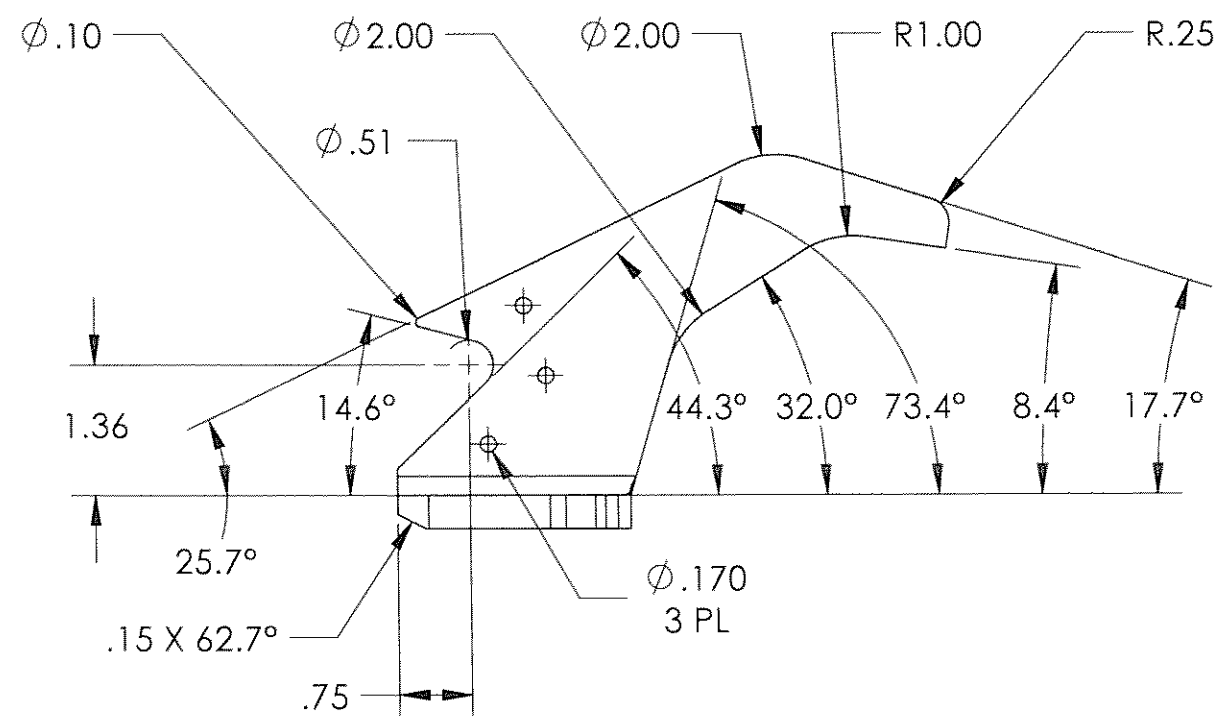
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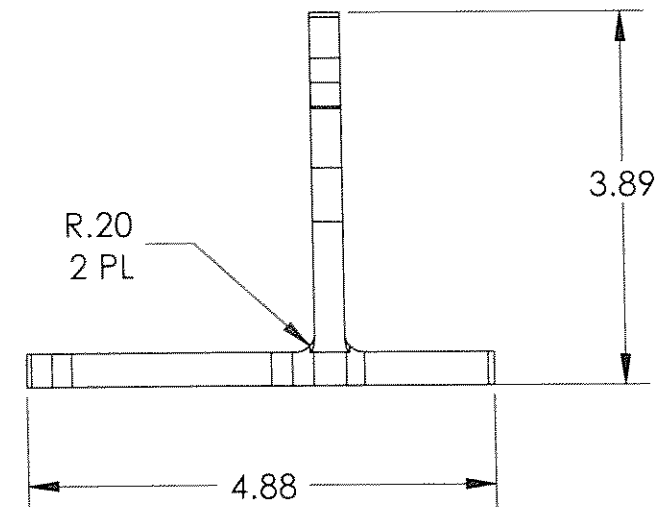
ORIGINAL DATE	IMO-DA-YR	06-10-09
DRAWN BY	CHECKER	J. GARDINER P. BRAVO
DRAWING APPROVAL	P. BRAVO	
CONTRACT No		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± 5°		

APICAL INDUSTRIES		
2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300		
WIPER DEFLECTOR ASSY		
SIZE	CAGE CODE	DWG. NO.
B	07MZ6	647.1600
SCALE: NONE	SHEET 3 OF 6	

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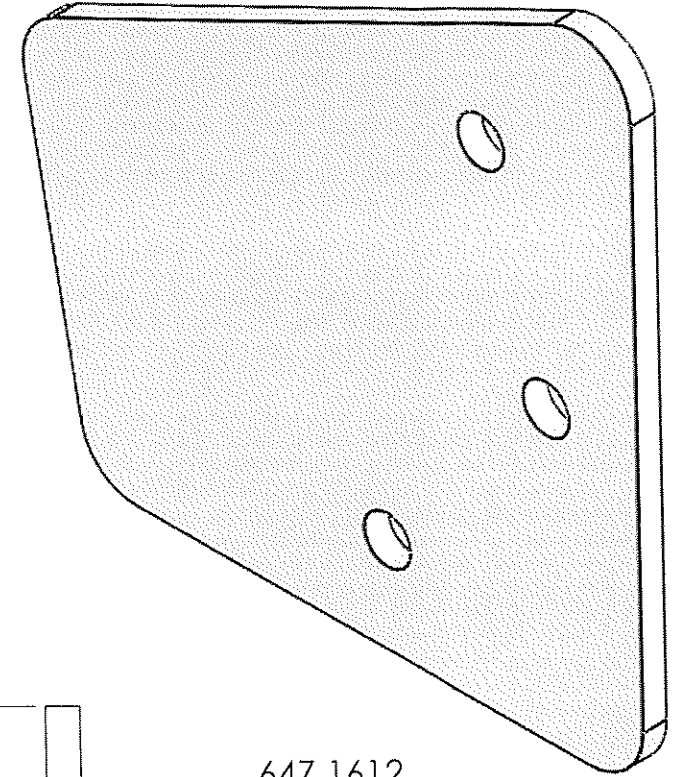
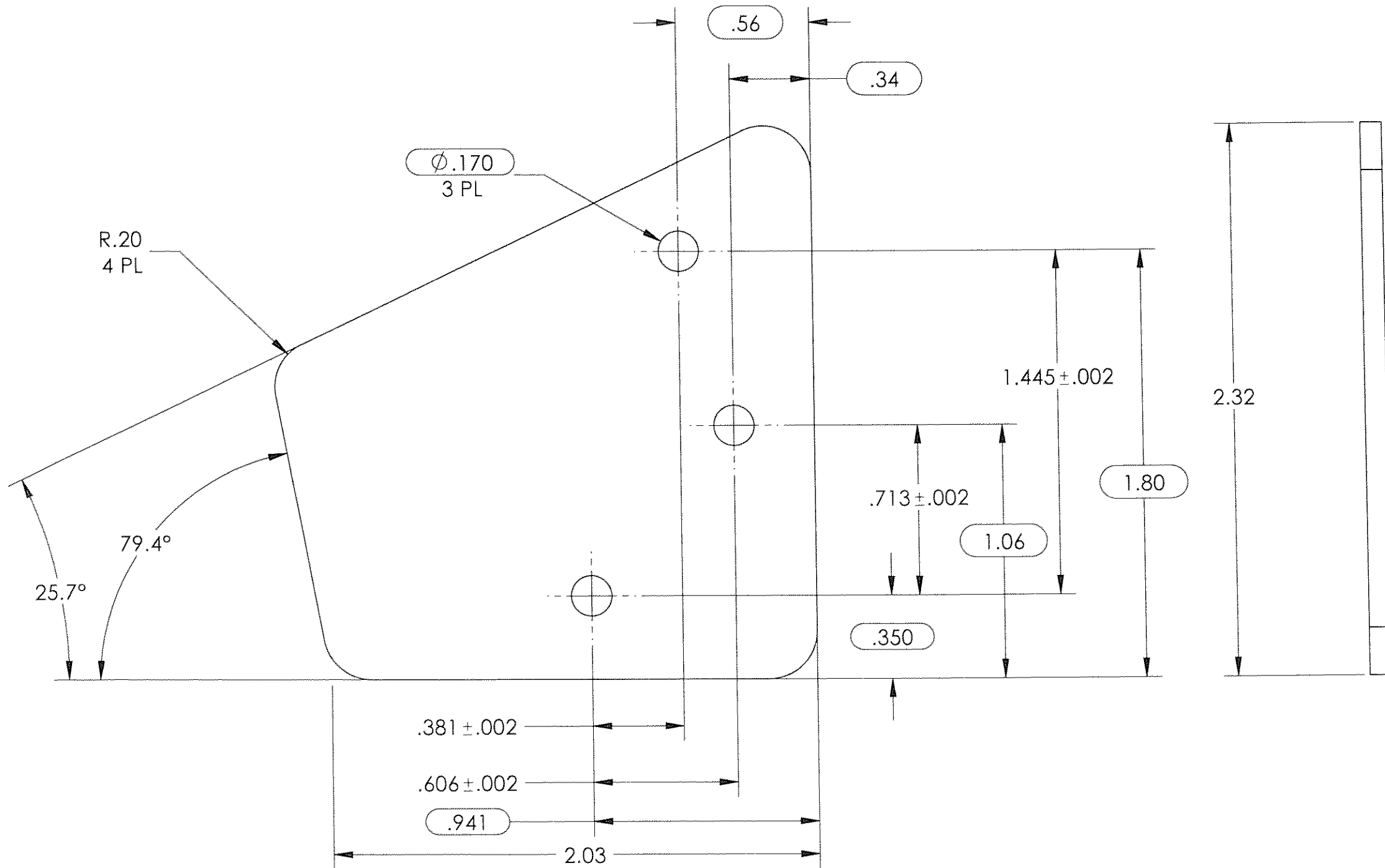
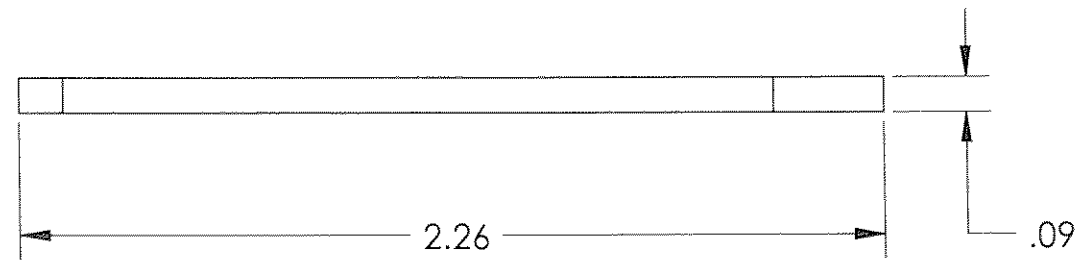


SECTION E-E $\frac{3}{B4}$



ORIGINAL DATE (MO-DA-YR) 06-10-09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY J. GARDINER	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO			
CONTRACT NO.		WIPER DEFLECTOR ASSY	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°			
SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.1600	REV. A
SCALE: NONE			SHEET 4 OF 6

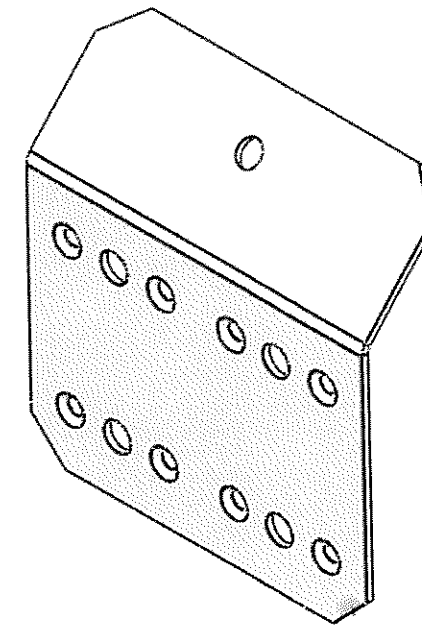
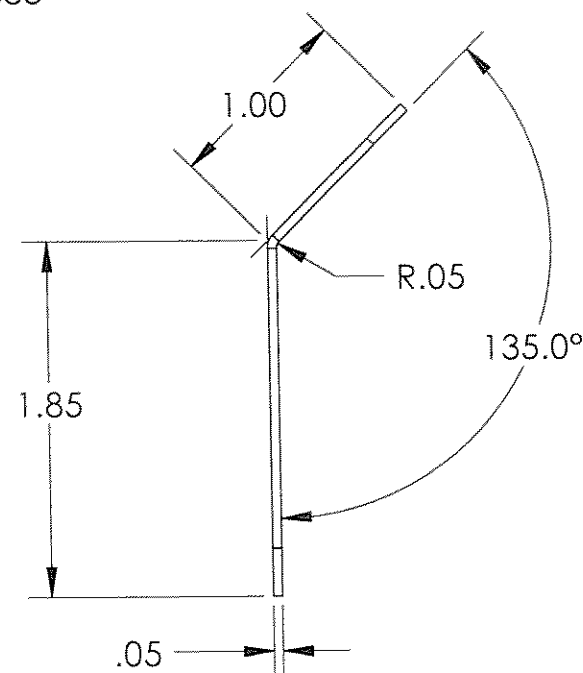
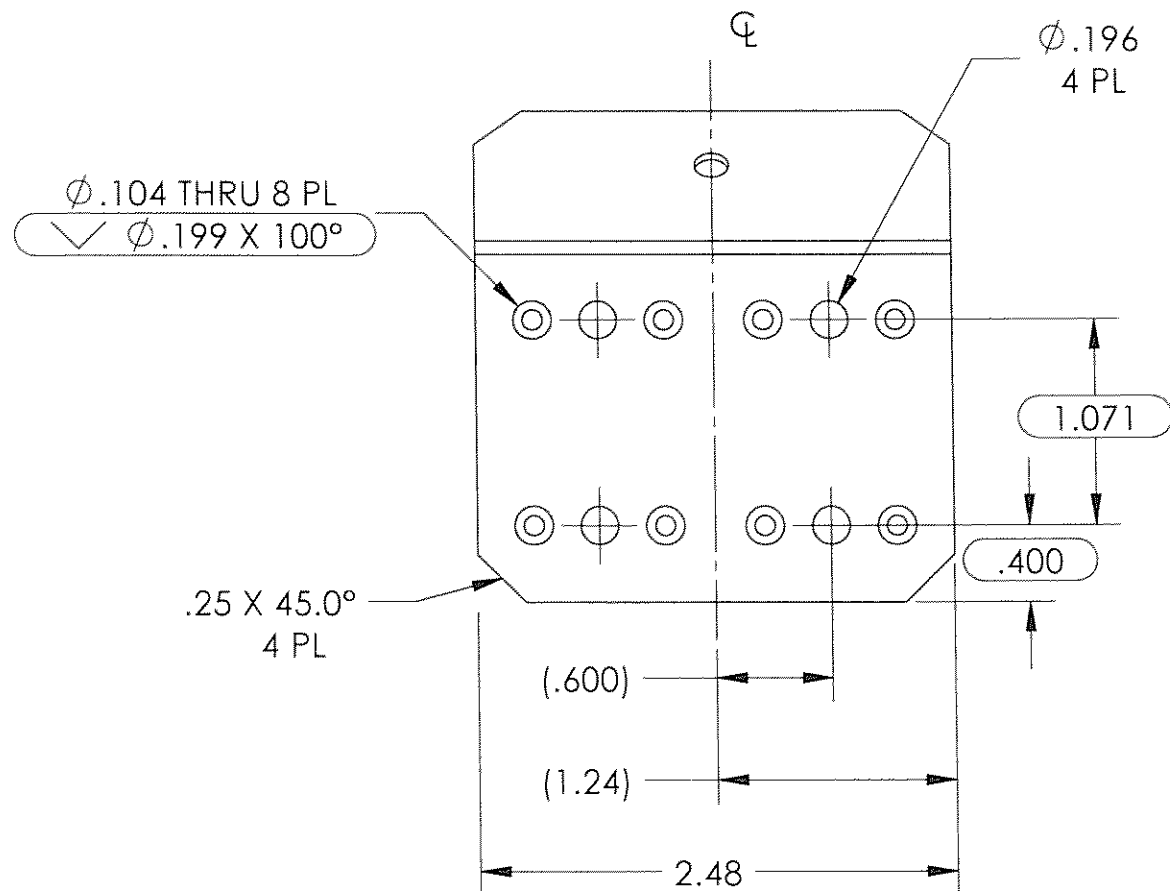
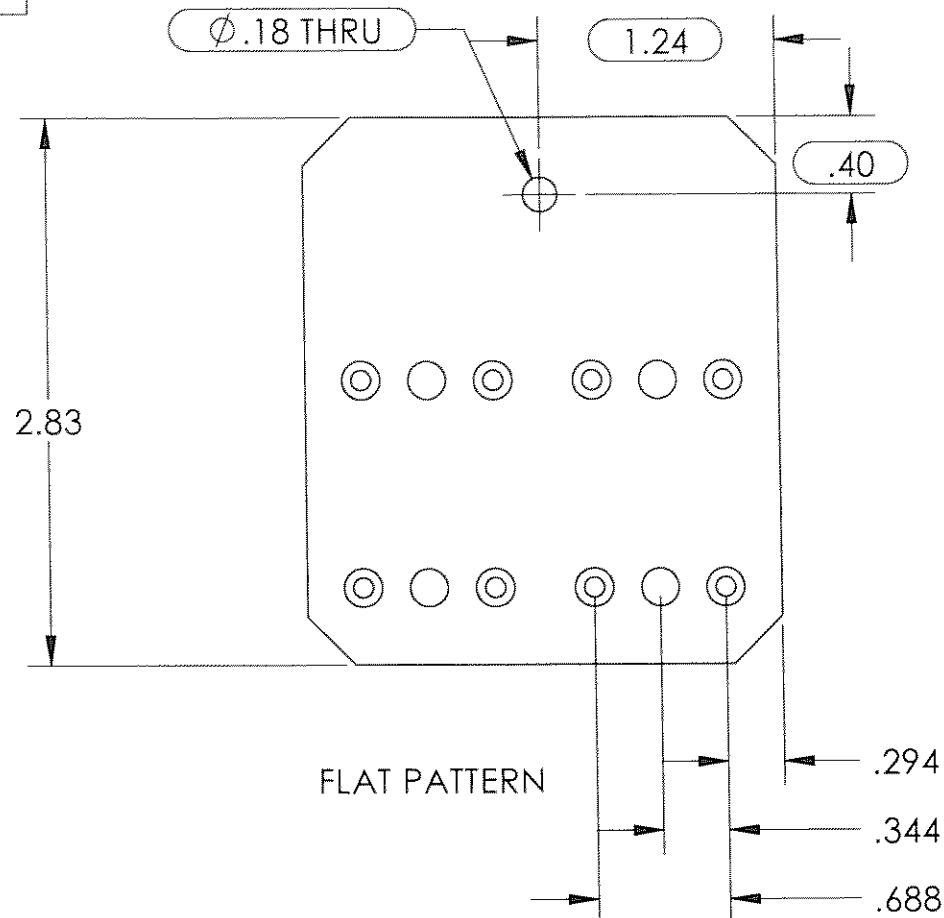
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647.1612

ORIGINAL DATE (MM-DD-YY) 06-10-09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300			
DRAWN BY J. GARDINER	CHECKER P. BRAVO				
DRAWING APPROVAL P. BRAVO					
CONTRACT NO.		WIPER DEFLECTOR ASSY			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 3 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± 5°					
SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.1600	REV. A		
SCALE: NONE			SHEET 5 OF 6		

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647.1613

ORIGINAL DATE JMO-DA-YR 06-10-09		APICAL INDUSTRIES	
DRAWN BY J. GARDINER		2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
CHECKER P. BRAVO		WIPER DEFLECTOR ASSY	
DRAWING APPROVAL P. BRAVO			
CONTRACT NO.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SIZE B	REV. A
		CAGE CODE 07M26	DWG. NO. 647.1600
		SCALE: NONE	
		SHEET 6 OF 6	